



The Ohio Public Works Commission

65 East State Street, Suite 312, Columbus, Ohio 43215 Phone (614) 466-0880

3-1

APPLICATION FOR FINANCIAL ASSISTANCE

Revised 7/93

CB 13A

IMPORTANT: Applicant should consult the "Instructions for Completion of Project Application" for assistance in the proper completion of this form.

SUBDIVISION: Hamilton County CODE#061-00061

DISTRICT NUMBER: 2 COUNTY: Hamilton DATE 09/23/96

CONTACT: Joseph P. Niehaus PHONE # (513) 557-7102

(THE PROJECT CONTACT PERSON SHOULD BE THE INDIVIDUAL WHO WILL BE AVAILABLE ON A DAY-TO-DAY BASIS DURING THE APPLICATION REVIEW AND SELECTION PROCESS AND WHO CAN BEST ANSWER OR COORDINATE THE RESPONSE TO QUESTIONS)

PROJECT NAME: Trenchless Technology Sewer Rehabilitation

SUBDIVISION TYPE

(Check Only 1)

- ☐ 1. County
☐ 2. City
☐ 3. Township
☐ 4. Village
☒ 5. Water/Sanitary District
(Section 6119 O.R.C.)

FUNDING TYPE REQUESTED

(Check All Requested & Enter Amount)

- ☐ 1. Grant \$ _____
☒ 2. Loan \$ 1,500,000
☐ 3. Loan Assistance \$ _____
MBE SET-ASIDE OFFERED
Construction \$ _____
Procurement \$ _____

PROJECT TYPE

(Check Largest Component)

- ☐ 1. Road
☐ 2. Bridge/Culvert
☐ 3. Water Supply
☒ 4. Wastewater
☐ 5. Solid Waste
☐ 6. Stormwater

TOTAL PROJECT COST: \$ 3,299,967 FUNDING REQUESTED: \$ 1,500,000

DISTRICT RECOMMENDATION

To be completed by the District Committee ONLY

GRANT: \$ _____
LOAN: \$ 1,500,000.00

LOAN ASSISTANCE: \$ _____
% 3 TERM: 20 yrs. (Attach Loan Supplement)

(Check Only 1)

- ☒ State Capital Improvement Program
☐ Local Transportation Improvements Program
☐ Small Government Program

DISTRICT MBE SET-ASIDE

Construction \$ _____
Procurement \$ _____

FOR OPWC USE ONLY

PROJECT NUMBER: C _____ /C _____
Local Participation _____ %
OPWC Participation _____ %
Project Release Date: _____ / _____ / _____
OPWC Approval: _____

APPROVED FUNDING: \$ _____
Loan Interest Rate: _____
Loan Term: _____ years
Maturity Date: _____
Date Approved: _____ / _____ / _____

1.0 PROJECT FINANCIAL INFORMATION

1.1 PROJECT ESTIMATED COSTS:

(Round to Nearest Dollar)

- a.) Project Engineering Costs:
1. Preliminary Engineering \$ _____ .00
 2. Final Design \$ _____ .00
 3. Other Engineer Services * \$ _____ .00
 - Supervision \$ _____ .00
 - Miscellaneous \$ _____ .00
- b.) Acquisition Expenses:
1. Land \$ _____ .00
 2. Right-of-Way \$ _____ .00
- c.) Construction Costs: \$ 2,999,970 .00
- d.) Equipment Purchased Directly: \$ _____ .00
- e.) Other Direct Expenses: \$ _____ .00
- f.) Contingencies: \$ 299,997 .00
- g.) TOTAL ESTIMATED COSTS: \$ 3,299,967 .00

MBE	Force Account
\$	\$
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

1.2 PROJECT FINANCIAL RESOURCES:

(Round to Nearest Dollar and Percent)

- | | | % |
|---------------------------------|-------------------------|-----------|
| a.) Local In-Kind Contributions | \$ _____ .00 | _____ |
| b.) Local Public Revenues | \$ <u>1,799,967</u> .00 | <u>55</u> |
| c.) Local Private Revenues | \$ _____ .00 | _____ |
| d.) Other Public Revenues | | |
| 1. ODOT PID# _____ | \$ _____ .00 | _____ |
| 2. EPA/OWDA _____ | \$ _____ .00 | _____ |
| 3. OTHER _____ | \$ _____ .00 | _____ |

SUB TOTAL LOCAL RESOURCES: \$ 1,799,967 .00 55

- e.) OPWC Funds
1. Grant \$ _____ .00
 2. Loan \$ 1,500,000 .00 45
 3. Loan Assistance \$ _____ .00

SUB TOTAL OPWC RESOURCES: \$ 1,500,000 .00 45

f.) TOTAL FINANCIAL RESOURCES: \$ 3,299,967 .00 100%

*Other Engineer's Services must be outlined in detail on the required certified engineer's estimate.

1.3 AVAILABILITY OF LOCAL FUNDS:

Attach a summary from the Chief Financial Officer listed in section 5.2 listing all local share funds budgeted for the project and the date they are anticipated to be available.

2.0 PROJECT INFORMATION

IMPORTANT: If project is multi-jurisdictional, information must be consolidated in this section.

2.1 **PROJECT NAME:** Trenchless Technology Sewer Rehabilitation

2.2 **BRIEF PROJECT DESCRIPTION - (Sections a through d):**

a: SPECIFIC LOCATION:

The Metropolitan Sewer District of Greater Cincinnati serves 800,000 residents in a 400 square mile area, and includes 33 municipalities and unincorporated areas within Hamilton County. The District maintains 2,700 miles of sanitary and combined sewers, 6 major wastewater treatment plants, 23 extended aeration treatment plants, 120 package lift stations, and 8 major pumping stations.

PROJECT ZIP CODE: 45204

b: PROJECT COMPONENTS:

Rehabilitation of existing sanitary and combined sewers using trenchless technology.

c: PHYSICAL DIMENSIONS / CHARACTERISTICS:

Diameter of existing sewers: 8", 12", 15", 18", 22", 24", 27" and 36".

d: DESIGN SERVICE CAPACITY:

IMPORTANT: Detail shall be included regarding current service capacity vs proposed service level. If road or bridge project, include ADT. If water or wastewater project, include both current residential rates based on monthly usage of 7,756 gallon per household. Attach current rate ordinance.

Based on monthly rate 7,756 gallons per month per household

7,756 gallons/month x cu ft/7.48 gallons = 1,037 cu ft/month

500 cu ft flat rate = \$ 14.80

1,037 - 500 cu ft = 537 cu ft/100 cu ft x \$1.52 = \$ 8.16

Total monthly rate = \$ 22.96

Daily average wastewater flows of MSDGC equal 170 MGD. Improvements to MSDGC's sanitary sewer system and facilities must be made in order to comply with the Environmental Protection Agency's law regarding CSOs into the surrounding watershed and other compliance issues facing MSDGC.

2.3 **USEFUL LIFE / COST ESTIMATE:** Project Useful Life: 40 Years.

Attach Registered Professional Engineer's statement, with original seal and signature certifying the project's useful life indicated above and estimated cost.

3.0 REPAIR/REPLACEMENT or NEW/EXPANSION:

TOTAL PORTION OF PROJECT REPAIR/REPLACEMENT	\$ 3,299,967	100 %
State Funds Requested for Repair and Replacement	\$ 1,500,000	45 %

TOTAL PORTION OF PROJECT NEW/EXPANSION	\$ _____	____ %
State Funds Requested for New and Expansion	\$ _____	____ %

4.0 PROJECT SCHEDULE:*

	BEGIN DATE	END DATE
4.1 Engineering/Design:	<u>7 / 1 / 96</u>	<u>12 / 30 / 96</u>
4.2 Bid Advertisement:	<u>10 / 1 / 97</u>	<u>11 / 1 / 97</u>
4.3 Construction:	<u>12 / 31 / 97</u>	<u>12 / 31 / 98</u>

* Failure to meet project schedule may result in termination of agreement for approved projects. Modification of dates must be approved in writing by the Commission once the Project Agreement has been executed. Dates should assume project agreement approval/release on July 1st. of the Program Year applied for.

5.0 APPLICANT INFORMATION:

5.1 CHIEF EXECUTIVE

OFFICER

Mr. David J. Krings

TITLE

Hamilton County Administrator

STREET

County Administration Building, Room 603
138 E. Court Street

CITY/ZIP

Cincinnati, Ohio 45202

PHONE

(513) 632 - 8225

FAX

(513) 632 - 5797

5.2 CHIEF FINANCIAL

OFFICER

Mr. Raymond J. Fern

TITLE

Director of Budget and Research

STREET

County Administration Building, Room 607
138 E. Court Street

CITY/ZIP

Cincinnati, Ohio 45202

PHONE

(513) 632 - 8888

FAX

(513) 632 - 5797

5.3 PROJECT MANAGER

TITLE

Mr. Thomas J. Quinn

STREET

Director - Metropolitan Sewer District
1600 Gest Street

CITY/ZIP

Cincinnati, Ohio 45204

PHONE

(513) 244 - 5121

FAX

(513) 244 - 1399

6.0 ATTACHMENTS/COMPLETENESS REVIEW:

Check each section below, confirming that all required information is included in this application.

X A certified copy of the legislation by the governing body of the applicant authorizing a designated official to submit this application and execute contracts. (Attach)

X A summary from the applicant's Chief Financial Officer listing all local share funds budgeted for the project and the date they are anticipated to be available. (Attach)

X A registered professional engineer's estimate of projects useful life and cost estimate, as required in 164-1-14 and 164-1-16 of the Ohio Administrative Code. Estimates shall contain engineer's original seal and signature. (Attach)

NA A copy of the cooperation agreement(s) if this project involves more than one subdivision or district.(Attach)

X Capital Improvements Report: (Required by 164 O.R.C. on standard form)

X A: Attached.

 B: Report/Update Filed with the Commission within the last twelve months.

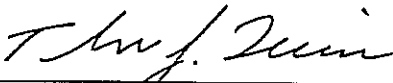
NA Floodplain Management Permit: Required if project is in 100 year floodplain. See Instructions.

X Supporting Documentation: Materials such as additional project description, photographs, economic impact (temporary and/or full time jobs likely to be created as a result of the project), and other information to assist your district committee in ranking your project.

7.0 APPLICANT CERTIFICATION:

The undersigned certifies that: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission; (2) that to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (3) that all official documents and commitments of the applicant that are part of this application have been duly authorized by the governing body of the applicant; and, (4) should the requested financial assistance be provided, that in the execution of this project, the applicant will comply with all assurances required by Ohio Law, including those involving minority business utilization, Buy Ohio, and prevailing wages.

IMPORTANT: Applicant certifies that physical construction on the project as defined in the application has NOT begun, and will not begin until a Project Agreement on this project has been executed with the Ohio Public Works Commission. Action to the contrary will result in termination of the agreement and withdrawal of Ohio Public Works Commission funding of the project.



Certifying Representative (Type or Print Name and Title)

Thomas J. Quinn 9/26/96

Signature/Date Signed

OHIO PUBLIC WORKS COMMISSION LOAN SUPPLEMENT

This supplement is required for all loan applicants.

Attach the following to the "Ohio Public Works Commission Application for Assistance"

- ☒ Copy of Legislation authorizing current rates.
- ☒ A statement from applicant's Chief Fiscal Officer certifying method of repayment.
- ☒ A copy of previous year Financial Statement.

Complete the following:

NUMBER OF CUSTOMERS	Water	Sewer
Residential		200,014
Commerical		21,205
Industrial		929
Other		

SYSTEM EXPENDITURES	Water	Sewer
Operation Expenses		\$ 68,168,995
Debt Service Payments		\$ 27,818,677
Surplus		
General Fund Transfer		
Other		\$ 2,822,210

RATES	Water	Sewer
Current		See Attached Resolution
Last Increase (year and amount)		June 1996 - 4%
Planned Increase		1997

RATINGS	Moody's	S&P	General Obligation	Revenues
	A1	AA-	N/A	\$ 99,156,000

DEBT OUTSTANDING (do not include new OPWC loan)	Total Debt	Annual Payment	Last Payment Date
Other OPWC loans	\$ 1,483,000	\$ 267,000	Various
Revenue Bonds	\$ 295,440,000	\$ 23,330,000	Various
GO Bonds			
Other	\$ 13,813,000	\$ 120,000	Various

City of Cincinnati
Metropolitan Sewer District
Wastewater Collection Division
Telephone: 352-4900
Fax: 352-4910



Interdepartmental Correspondence

To: Joseph P. Niehaus, P.E., Superintendent, Planning & Program Management
From: G. Stephen Minges, P.E., P.S., Superintendent, Wastewater Collection
Date: September 9, 1996
Subject: CIP 96-46, TRENCHLESS TECHNOLOGY

CC: Dir. File, Div. File, Ralph Johnstone, Steve Minges, Susan Moisio, Gene Weber

The attached table shows 137 locations identified by the Wastewater Collection Division for internal sewer pipe rehabilitation. This project is scheduled to be funded under Capital Improvement Project No. 96-46. The engineer's estimated construction cost for this project is \$2,999,970.00. An additional contingency of 10% (\$299,997.00) renders the total engineer's estimated construction cost to be \$3,299,967.00. It is also estimated that this technology will extend the useful life of the sewer by forty years.

G. Stephen Minges, P.E. #E-43087

GSM/gpw

att.



Proposed Lining Projects with Estimated Costs

CIP No. 96-46

File Number	Project Address	Municipality	Pipe Size	Number of Taps	Lineal Feet	Estimated Cost
<i>The following projects are 8 Inch pipe</i>						
84/96A	2600 ALLAIRE AV	MT AIRY	8	6	228	\$15,480.00
63/96A	272 AVALON ST	CARTHAGE	8	9	281	\$19,560.00
74/96A	6219 BEDFORD ST	FAIRFAX	8	10	205	\$15,300.00
39/96A	1619 W BELMAR PL	N COLLEGE HILL	8	3	146	\$9,660.00
40/96A	1620 W BELMAR PL	N COLLEGE HILL	8	2	270	\$16,800.00
41/96A	1620 BELMAR AV	N COLLEGE HILL	8	8	395	\$26,100.00
24/93D	226 CARTHAGE AV	ARLINGTON HGTS	8	6	341	\$22,260.00
34/93D	1008 CLIFTON HILLS DR	CLIFTON	8	2	180	\$11,400.00
34/96A	1634 DALLAS AV	N COLLEGE HILL	8	9	247	\$17,520.00
57/93D	16 DRUMMOND ST	GREENHILLS	8	2	245	\$15,300.00
00/96A	4924 FOREST AV	NORWOOD	8	9	350	\$23,700.00
71/96A	1815 GALBRAITH RD	N COLLEGE HILL	8	13	293	\$21,480.00
31/93D	4009 GROVE AV	MARIEMONT	8	4	192	\$12,720.00
02/96A	6302 HEITZLER AV	N COLLEGE HILL	8	10	185	\$14,100.00
03/96A	6315 HEITZLER AV	N COLLEGE HILL	8	8	185	\$13,500.00
04/96A	6329 HEITZLER AV	N COLLEGE HILL	8	6	186	\$12,960.00
77/96A	7240 HICKMAN ST	MT HEALTHY	8	4	298	\$19,080.00
1/93D	7201 HURLEY AV	ROSELAWN	8	2	185	\$11,700.00
6/96A	HURLEY AV	ROSELAWN	8	1	169	\$10,440.00
8/93D	2420 INDIAN MOUND DR	NORWOOD	8	5	155	\$10,800.00
3/96A	5660 JULMAR DR	GRNTWP	8	3	325	\$20,400.00
2/93D	211 KEARNEY ST	HARTWELL	8	5	239	\$15,840.00
3/93D	229 KEARNEY ST	HARTWELL	8	8	217	\$15,420.00
4/93D	244 KEARNEY ST	HARTWELL	8	7	302	\$20,220.00

Proposed Lining Projects with Estimated Costs

CIP No. 96-46

File Number	Project Address	Municipality	Pipe Size	Number of Taps	Lineal Feet	Estimated Cost
<i>The following projects are 8 Inch pipe</i>						
15/93D	270 KEARNEY ST	HARTWELL	8	10	335	\$23,100.00
04/96A	KIRTLEY AV	SYCAMORE TWP	8	6	258	\$17,280.00
05/96A	7544 KIRTLEY DR	SYCAMORE TWP	8	5	303	\$19,680.00
09/96A	4141 MONTGOMERY RD	NORWOOD	8	3	197	\$12,720.00
04/93D	2380 NOVA AV	WESTERN HILLS	8	3	80	\$5,700.00
91/93D	2384 NOVA AV	WESTERN HILLS	8	5	138	\$9,780.00
51/96A	438 OLIVER RD	WYOMING	8	2	148	\$9,480.00
42/96A	6500 PARISH AV	N COLLEGE HILL	8	9	300	\$20,700.00
95/96A	6712 PARK PL	N COLLEGE HILL	8	5	303	\$19,680.00
78/96A	4408 PLAINVILLE RD	MADEIRA	8	3	139	\$9,240.00
94/96A	5236 PONCE LN	COVEDALE	8	6	150	\$10,800.00
76/93D	7250 READING/ROSECLIFFE RD	ROSELAWN	8	10	218	\$16,080.00
07/96A	1522 ROBINWOOD AV	ROSELAWN	8	9	200	\$14,700.00
12/96A	4305 SAINT MARTINS PL	CHEVIOT	8	13	233	\$17,880.00
6/96A	8011 SANOMA DR	MADEIRA	8	4	122	\$8,520.00
5/96A	8005 SANOMA DR	MADEIRA	8	5	147	\$10,320.00
7/96A	5812 SARANAC AV	COLLEGE HILL	8	6	198	\$13,680.00
2/96A	5113 SUMTER AV	GREEN TWP	8	15	359	\$26,040.00
5/93D	7301 SUPERIOR AV	DEER PARK	8	9	292	\$20,220.00
5/93D	4020 SUPERIOR AV	DEER PARK	8	8	292	\$19,920.00
2/96A	3818 SUPERIOR AV	PLEASANT RIDGE	8	12	350	\$24,600.00
Total:					45 SECTIONS	290
					10,581	\$721,860.00

Proposed Lining Projects with Estimated Costs

CIP No. 96-46

File Number	Project Address	Municipality	Pipe Size	Number of Taps	Lineal Feet	Estimated Cost
<i>The following projects are 10 Inch pipe</i>						
92/96A	191 FARRAGUT RD	GREEN HILLS	10	5	130	\$10,730.00
93/96A	199 FARRAGUT RD	GREEN HILLS	10	6	142	\$11,882.00
24/96A	7864 GAIL DR	DRPK	10	1	179	\$13,009.00
25/96A	7869 GAIL DR	DRPK	10	0	101	\$7,171.00
59/96A	5 GAMBIE LN	GREEN HILLS	10	4	341	\$25,411.00
29/93D	6451 GLADE AV	MT WASHINGTON	10	6	270	\$20,970.00
70/96A	4252 HEGNER AV	DEER PARK	10	6	287	\$22,177.00
88/96A	224 HILLCREST DR	WYOMING	10	4	320	\$23,920.00
12/96A	4116 LORA AV	CHEVIOT	10	8	250	\$20,150.00
71/96A	MAPLE AV	DEER PARK	10	2	307	\$22,397.00
13/96A	3405 MAYFAIR AV	CHEVIOT	10	8	151	\$13,121.00
Total:					11 SECTIONS	50
					2,478	\$190,938.00

The following projects are 12 Inch pipe

9/93D	5881 BELLVIEW AV	BLUE ASH	12	3	275	\$22,075.00
0/96A	BUNKER AL	DOWNTOWN	12	8	186	\$16,722.00
2/93D	5405 CANNAS DR	DELHI TWP	12	1	266	\$20,782.00
3/93D	5405 CANNAS DR	DELHI TWP	12	0	139	\$10,703.00
5/93D	691 CASCADE RD	FOREST PARK	12	0	182	\$14,014.00
5/96A	CENTRAL PKWY	DOWNTOWN	12	5	57	\$5,889.00
5/96A	CENTRAL PKWY	DOWNTOWN	12	3	76	\$6,752.00
7/96A	CENTRAL PKWY	DOWNTOWN	12	1	90	\$7,230.00
4/93D	8517 DEERWAY AV	SYCAMORE TWP	12	8	256	\$22,112.00
5/93D	8477 DEERWAY AV	BLUE ASH	12	7	168	\$15,036.00

Proposed Lining Projects with Estimated Costs

CIP No. 96-46

File

Number Project Address

Municipality

Pipe
SizeNumber
of TapsLineal
FeetEstimated
Cost

The following projects are 12 Inch pipe

96/93D	8477 DEERWAY AV	BLUE ASH	12	1	177	\$13,929.00
01/96A	121 DORSEY ST	MT AUBURN	12	10	209	\$19,093.00
31/96A	2180 EAST HILL AV	HYDE PARK	12	8	324	\$27,348.00
11/96A	ENON AL	DOWNTOWN	12	9	129	\$12,633.00
87/96A	2208 EUREKA TR	CLIFTON	12	3	147	\$12,219.00
03/93D	5338 FOLEY RD	DELHI TWP	12	4	221	\$18,217.00
02/93D	1328 FURHMAN AV	READING	12	2	155	\$12,535.00
15/93D	1320 FURHMAN AV	READING	12	4	199	\$16,523.00
16/93D	1328 FURHMAN AV	READING	12	0	80	\$6,160.00
06/96A	7869 GAIL DR	DRPK	12	1	176	\$13,852.00
6/96A	7895 GREENLAND PL	ROSELAWN	12	1	276	\$21,552.00
06/96A	HAWTHORNE AV	PRICE HILL	12	3	115	\$9,755.00
02/96A	3770 HILLSIDE AV	RIVERSIDE	12	4	220	\$18,140.00
02/93D	3433 HUDSON AV	EVANSTON	12	8	197	\$17,569.00
5/96A	HUKILL AL	CLIFTON	12	9	153	\$14,481.00
6/96A	HUKILL AL	CLIFTON	12	7	156	\$14,112.00
9/96A	1652 ILIFF AV	PRICE HILL	12	14	173	\$17,521.00
8/96A	10527 KENRIDGE DR	BLUE ASH	12	3	236	\$19,072.00
1/96A	3420 KENSINGTON PL	PRICE HILL	12	3	112	\$9,524.00
4/96A	6600 KENVIEW DR	MADEIRA	12	4	249	\$20,373.00
3/96A	6600 KENVIEW DR	MADEIRA	12	4	203	\$17,643.00
3/93D	1277 MOONKIST CT	MT WASHINGTON	12	8	257	\$22,189.00
3/93D	8477 MYRTLEWOOD AV	BLUE ASH	12	4	168	\$14,136.00
1/93D	8477 MYRTLEWOOD AV	BLUE ASH	12	6	203	\$17,431.00

Proposed Lining Projects with Estimated Costs

CIP No. 96-46

File Number	Project Address	Municipality	Pipe Size	Number of Taps	Lineal Feet	Estimated Cost
<i>The following projects are 12 Inch pipe</i>						
53/96A	14 OBSERVATORY HILL E	HYDE PARK	12	0	97	\$7,469.00
15/96A	PLUM ST	DELHI TWP	12	10	209	\$19,093.00
35/96A	4905 RALPH AV	COVEDALE	12	3	203	\$16,531.00
52/96A	8300 ROLAND AV	SPRINGFIELD TWP	12	12	279	\$25,083.00
20/93D	609 SMILEY AV	SPRINGDALE	12	5	221	\$18,517.00
95/96A	3949 SPRING GROVE AV	CUMMINVILLE	12	10	123	\$12,471.00
06/93D	2888 STOUT RD	COLERAIN TWP	12	5	334	\$27,218.00
33/96A	TAMARACK AV	HYDE PARK	12	8	151	\$14,027.00
34/96A	3616 TAMARACK AV	HYDE PARK	12	7	150	\$13,650.00
33/96A	1204 TANNEHILL LN	MT LOOKOUT	12	2	143	\$11,611.00
00/96A	7509 S TIMBERLANE DR	MADEIRA	12	1	205	\$16,085.00
11/96A	TIMBERLANE DR	MADEIRA	12	1	241	\$18,857.00
3/96A	31 W TWELFTH ST	OVER THE RHINE	12	5	54	\$5,658.00
6/93D	1006 WOODLAWN AV	PRICE HILL	12	15	300	\$27,600.00
7/96A	WOODLAWN AV	SYCAMORE TWP	12	15	279	\$25,983.00
8/96A	4311 WOODLAWN AV	SYCAMORE TWP	12	8	281	\$24,037.00
Total:						\$811,212.00

The following projects are 15 Inch pipe

5/96A	500 BAUM ST	MT ADAMS	15	10	108	\$17,040.00
4/93D	691 CASCADE RD	FOREST PARK	15	1	277	\$36,310.00
3/96A	3941 DARWIN AV	CHEVIOT	15	7	147	\$21,210.00
0/96A	20 OBSERVATORY HILL E	HYDE PARK	15	1	158	\$20,840.00
1/96A	14 OBSERVATORY HILL E	HYDE PARK	15	1	144	\$19,020.00

Proposed Lining Projects with Estimated Costs

CIP No. 96-46

File Number	Project Address	Municipality	Pipe Size	Number of Taps	Lineal Feet	Estimated Cost
<i>The following projects are 15 Inch pipe</i>						
52/96A	16 OBSERVATORY HILL E	HYDE PARK	15	1	217	\$28,510.00
		Total:	6 SECTIONS	21	1,051	\$142,930.00
<i>The following projects are 18 Inch pipe</i>						
37/96A	2410 BANNING RD	COLERAIN TWP	18	4	228	\$37,680.00
58/96A	2324 GLADSTONE AV	EAST END	18	6	175	\$29,800.00
39/96A	2310 GLADSTONE AV	EAST END	18	2	163	\$26,680.00
19/96A	1736 QUEEN CITY AV	FAIRMOUNT	18	13	131	\$24,860.00
77/96A	3214 WARDALL AV	CHEVIOT	18	8	330	\$55,200.00
		Total:	5 SECTIONS	33	1,027	\$174,220.00
<i>The following projects are 20 Inch pipe</i>						
6/93D	3612 MARBURG AV	HYDE PARK	20	8	177	\$42,225.00
		Total:	1 SECTIONS	8	177	\$42,225.00
<i>The following projects are 21 Inch pipe</i>						
2/96A	1867 FAIRMOUNT AV	FAIRMOUNT	21	6	124	\$29,700.00
3/96A	1855 FAIRMOUNT AV	FAIRMOUNT	21	6	114	\$27,450.00
0/96A	1105 GILSEY AV	PRICE HILL	21	2	208	\$47,400.00
4/96A	3024 GRIEST AV	HYDE PARK	21	1	172	\$39,000.00
9/96A	ROSEMONT/GILSEY AV	PRICE HILL	21	3	213	\$48,825.00
		Total:	5 SECTIONS	18	831	\$192,375.00

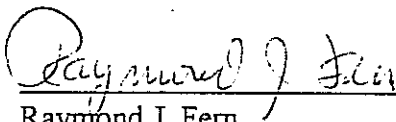
Proposed Lining Projects with Estimated Costs

CIP No. 96-46

File Number	Project Address	Municipality	Pipe Size	Number of Taps	Lineal Feet	Estimated Cost	
The following projects are 24 Inch pipe							
58/93D	3908 BOUDINOT AV	WESTWOOD	24	4	277	\$82,915.00	
89/96A	3866 ISABELLA AV	OAKLEY	24	0	18	\$5,310.00	
90/96A	3866 ISABELLA AV	OAKLEY	24	1	79	\$23,605.00	
91/96A	3864 ISABELLA AV	OAKLEY	24	3	151	\$45,445.00	
01/93D	1638 LLANFAIR/CEDAR AV	COLLEGE HILL	24	1	212	\$62,840.00	
03/96A	2412 MARYLAND AV	PRICE HILL	24	14	147	\$47,565.00	
03/96A	6241 ROGERS PARK PL	KENNEDY HEIGHTS	24	1	62	\$18,590.00	
04/96A	6241 ROGERS PARK PL	KENNEDY HEIGHTS	24	4	181	\$54,595.00	
05/96A	6235 ROGERS PARK PL	KENNEDY HEIGHTS	24	3	109	\$33,055.00	
Total:				9 SECTIONS	31	1,236	\$373,920.00
The following projects are 36 Inch pipe							
5/96A	3524 DARWIN AV	CHEVIOT	36	10	204	\$77,460.00	
6/96A	3513 DARWIN AV	CHEVIOT	36	4	82	\$31,130.00	
7/96A	3513 DARWIN AV	CHEVIOT	36	14	276	\$104,940.00	
03/96A	3514 SAINT MARTINS PL	CHEVIOT	36	5	177	\$66,105.00	
04/96A	3516 SAINT MARTINS PL	CHEVIOT	36	8	187	\$70,655.00	
Total:				5 SECTIONS	41	926	\$350,290.00
Total:				137 SECTIONS	755	27,807	\$2,999,970.00
Plus 10% contingency:						\$299,997.00	
Total:						\$3,299,967.00	

METROPOLITAN SEWER DISTRICT OF GREATER CINCINNATI
LOAN SUPPLEMENT
STATEMENT OF METHOD OF REPAYMENT

Loan repayments are provided for in the customer user fees charged by the Metropolitan Sewer District of Greater Cincinnati (MSDGC). The Operating Budget approved by the Board of County Commissioners authorizes the payment. MSDGC does a rate study every other year to insure that the necessary revenues are being generated to sustain operations, pay debt service, and comply with borrowing covenants.



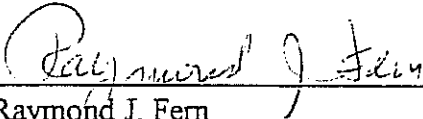
Raymond J. Fern
Director of Budget and Research

September 23, 1996

Date

METROPOLITAN SEWER DISTRICT OF GREATER CINCINNATI
STATUS OF FUNDS

The Board of County Commissioners of Hamilton County has set aside in the capital improvement budget for the Metropolitan Sewer District of Greater Cincinnati a total amount of \$1,799,967 for the repayment of the local share for the Trenchless Technology project.



Raymond J. Fern
Director of Budget and Research

September 23, 1996

Date

ADDITIONAL SUPPORT INFORMATION

For Program Year 1997 (July 1, 1997 through June 30, 1998), jurisdictions shall provide the following support information to help determine which projects will be funded. Information on this form must be accurate, and where called for, based on sound engineering principles. Documentation to substantiate the individual items may be required by the Support Staff if information does not appear to be accurate.

- 1) What is the condition of the existing infrastructure to be replaced, repaired, or expanded? For bridges, submit a copy of the current State form BR-86.

Closed _____ Poor X
Fair _____ Good _____

Give a brief statement of the nature of the deficiency of the present facility such as: inadequate load capacity (bridge); surface type and width; number of lanes; structural condition; substandard design elements such as berm width, grades, curves, sight distances, drainage structures, or inadequate service capacity. If known, give the approximate age of the infrastructure to be replaced, repaired, or expanded.

Existing sanitary and combined sewers are deteriorated, losing shape and in immediate danger of collapsing. Field reports show an immediate need for repair. See video provided for examples.

- 2) If State Capital Improvement Program funds are awarded, how soon (in weeks or months) after receiving the Project Agreement from OPWC (tentatively set for July 1, 1997) would the project be under contract? The Support Staff will be reviewing status reports of previous projects to help judge the accuracy of a particular jurisdiction's anticipated project schedule.

6 weeks months (Circle one)

Are preliminary plans or engineering completed?

Yes No

Are detailed construction plans completed?

Yes No

Are all right-of-way and easements acquired?*

Yes No N/A

*Please answer the following if applicable:

No. of parcels needed for project: 0 Of these, how many are Takes _____, Temporary _____, Permanent _____

On a separate sheet, explain the status of the ROW acquisition process of this project for any parcels not yet acquired.

Are all utility coordinations completed? Yes No N/A

Give an estimate of time, in weeks or months, to complete any item above not yet completed. 0 weeks/months.

- 3) How will the proposed project impact the general health, safety and welfare of the service area? (Typical examples may include the effects of the completed project on accident rates, emergency response time, fire protection, health hazards, user benefits, commerce, and highway capacity.) Please be specific and provide documentation if necessary to substantiate the data.

The health issue will be addressed by preventing: sewage from backing up into basements; the waters of the state being pollution from sewers overflowing; and building bans being imposed by Ohio Environmental Protection Agency because of inadequate capacity. This project will also affect the welfare of the various communities where the construction takes place and will help keep property values from declining.

- 4) What type of funds are to be utilized for the local share for this project?

Federal	_____	ODOT	_____	Local	<u>X</u>
MRF	_____	OWDA	_____	CDBG	_____
Other	_____				

Note: If MRF funds are being used for the local share, the MRF application must have been filed by August 1, 1995 for this project with the Hamilton County Engineer's Office.

The minimum amount of matching funds for grant projects (local share) must be at least 10% of the TOTAL CONSTRUCTION COST. What percentage of matching funds are being committed to this project?

55 %

- 5) Has any formal action by a federal, state, or local government agency resulted in a complete or partial ban of the use or expansion of use for the involved infrastructure? (Typical examples include weight limits, truck restrictions, and moratoriums or limitations on issuance of building permits.) A copy of the approved legislation must be submitted with the application. THE BAN MUST HAVE AN ENGINEERING JUSTIFICATION TO BE VALID.

Complete Ban _____ Partial Ban X No Ban _____

Will the ban be removed after the project is completed?

Yes X No _____ See attached documentation.

- 6) What is the total number of existing users that will benefit as a result of the proposed project?

100,000

For roads and bridges, multiply current documented Average Daily Traffic by 1.20. For public transit, submit documentation substantiating the count. Where the facility currently has any restrictions or is partially closed, use documented traffic counts prior to the restriction. For storm sewers, sanitary sewers, water lines, and other related facilities, multiply the number of households in the service area by 4. NOTE: DOCUMENTATION MUST BE PROVIDED FOR COUNTS OF 4,000 ADT AND ABOVE, AND HAVE THE DOCUMENTATION CERTIFIED BY EITHER A LICENSED ENGINEER OR AN OFFICIAL OF THE SUBDIVISION.

- 7) Has the jurisdiction developed a Five Year Capital Improvement Plan as required in O.R.C., chapter 164?

Yes X No

- 8) Give a brief statement concerning the regional significance of the infrastructure to be replaced, repaired, or expanded.

This project affects communities in 5 townships and 42 municipalities through the Greater Cincinnati area. The project will repair a total of 27,807 lineal feet of sewers. See field reports for verification of deteriorated conditions.

- 9) For expansion projects, please provide the existing and proposed Level of Service (LOS) of the facility using the methodology outlined within AASHTO'S "Geometric Design of Highways and Streets" and the 1985 Highway Capacity Manual.

Existing LOS Proposed LOS

If the proposed LOS is not "C" or better, explain why LOS "C" cannot be achieved. (Attach separate sheets if necessary.)



State of Ohio Environmental Protection Agency

P.O. Box 1049, 1800 WaterMark Dr.
Columbus, Ohio 43266-0149
(614) 644-3020
FAX (614) 644-2329

George V. Voinovich
Governor
Donald R. Schragardus
Director

September 22, 1992

Re: Director's Final Findings and Orders

Board of County Commissioners
of Hamilton County, Ohio
County Administration Building
138 East Court, Room 603
Cincinnati, Ohio 45202

Transmitted herewith is one copy of the Director's Final Findings and Orders
in the referenced matter.

Robert E. Phelps, P.E. Manager
Permit Administration Section
Division of Water Pollution Control

REP/mmt

Certified Mail

cc: [REDACTED]
H. Sorin, DWPC
P. Novak, DWPC
C. Reigle-Fleck, PIC
R. Shoemaker, SWDO
M. Burt, SWDO
Journal Room
File



BEFORE THE
OHIO ENVIRONMENTAL PROTECTION AGENCY

In the matter of:

Board of County Commissioners	:	<u>Director's Final</u>
of Hamilton County, Ohio	:	<u>Findings and Orders</u>
County Administration Building	:	
138 East Court, Room 603	:	
Cincinnati, Ohio 45202	:	

Pursuant to Ohio Revised Code (ORC), Chapter 6111, the Director of the Ohio Environmental Protection Agency (Ohio EPA) hereby makes the following Findings and issues the following Orders.

FINDINGS

1. The Metropolitan Sewer District of Greater Cincinnati (MSD), a county sewer district organized under ORC Chapter 6117, is owned by the Board of County Commissioners of Hamilton County, Ohio, (Board of County Commissioners), and operated under contract by the City of Cincinnati.
2. MSD operates separate sanitary sewerage systems tributary to various treatment plants in Hamilton County, Ohio.
3. Portions of MSD's separate sanitary sewerage systems are subject to excessive infiltration and inflow, which cause the affected sewers to surcharge and discharge untreated sewage, industrial waste, or other wastes, as those terms are defined by ORC Section 6111.01, Divisions (B), (C), and (D), from numerous overflow points to waters of the state, as that term is defined by ORC Section 6111.01 (H).
4. MSD does not hold a current National Pollutant Discharge Elimination System (NPDES) permit for the discharge of sewage, industrial waste, or other wastes from overflow points from its separate sanitary sewerage systems to waters of the state. Therefore, all such discharges are unpermitted, contrary to ORC Sections 6111.04 and 6111.07.
5. On 27 occasions between March 1, 1989, and December 31, 1990, MSD reported discharging sewage, industrial waste, or other wastes to waters of the state from overflow points in its separate sanitary sewerage systems tributary to the Little Miami wastewater treatment plant.
6. Representatives of Ohio EPA have observed additional unreported sewage, industrial waste, or other wastes discharging from overflow points in MSD's separate sewerage systems to waters of the state.
7. Numerous complaints have been registered with Ohio EPA concerning the discharge of sewage to waters of the state from overflow points in MSD's separate sanitary sewerage systems.

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency.

By Mary Gavin Date 9-22-92

8. The Director has given consideration to and based his determination on evidence relating to the technical feasibility and economic reasonableness of complying with these orders and to evidence relating to conditions calculated to result from compliance with these orders, and its relation to the benefits to the people of the State to be derived from such compliance in accomplishing the purposes of Chapter 6111 of the ORC.

ORDERS

- 3-12-93
1. Within six months after the effective date of these findings and orders, the Board of County Commissioners shall submit three copies of a report to the Enforcement and Compliance Section, Division of Water Pollution Control, Southwest District Office, Ohio EPA, identifying:

All portions of the separate sanitary sewerage system in the Metropolitan Sewer District that have reached or exceeded their dry weather capacity.

All overflow points in separate sanitary sewers and separate sanitary interceptors in the Metropolitan Sewer District. If necessary, a plan for identifying any unknown overflow points shall be proposed.

- 6-22-93
2. Within nine months after the effective date of these findings and orders, the Board of County Commissioners shall submit to the above office three copies of a general plan for disposal system improvements to eliminate all unpermitted discharges of sewage, industrial waste, and other wastes to waters of the state from identified overflow points in MSD's separate sanitary sewerage systems. At a minimum, the general plan shall address the following issues:

The plan shall propose disposal system improvements and a schedule required to eliminate all unpermitted discharges from identified overflow points in MSD's separate sanitary sewerage systems and to maintain compliance with ORC Section 6111.04.

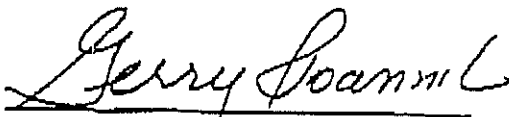
The plan shall include estimated costs for the proposed improvements and for the operation, maintenance and replacement of proposed facilities.

The plan shall include the financial mechanisms to be used to fund the improvements and the operation, maintenance, and replacement of proposed facilities.

The plan shall include a fixed-date compliance schedule for (1) completing a program for investigation and minimization of precipitation-dependent inflow and infiltration affecting separate sanitary sewers subject to overflows; (2) completing subsequent flow monitoring investigations to determine remaining separate sanitary sewer overflows and to identify required additional system improvements; and (3) establishing a second

stage fixed-date compliance schedule for completing all required additional improvements to eliminate discharges from the remaining separate sanitary sewerage systems overflows (including dates for submitting detail plans and specifications, advertising for bids, awarding contracts, beginning construction, completing construction, and eliminating discharges from overflow points).

3. Until discharges from all overflow points in MSD's separate sanitary sewers and interceptors are eliminated, the Board of County Commissioners shall comply with the monitoring and reporting requirements given in Attachment #1.
4. Upon submittal and approval of the general plan mentioned in Order #2, the Director of Ohio EPA may revoke these findings and orders and issue new findings and orders requiring the implementation of the proposals in the general plan to eliminate discharges from all overflow points in MSD's separate sanitary sewers and separate sanitary interceptors.


Donald R. Schreyer *FOR*
Director

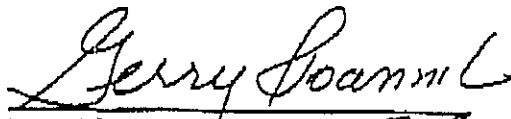
September 22, 1992
Date

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency

By: Mary Camin Date 9-22-92

stage fixed-date compliance schedule for completing all required additional improvements to eliminate discharges from the remaining separate sanitary sewerage systems overflows (including dates for submitting detail plans and specifications, advertising for bids, awarding contracts, beginning construction, completing construction, and eliminating discharges from overflow points).

3. Until discharges from all overflow points in MSD's separate sanitary sewers and interceptors are eliminated, the Board of County Commissioners shall comply with the monitoring and reporting requirements given in Attachment #1.
4. Upon submittal and approval of the general plan mentioned in Order #2, the Director of Ohio EPA may revoke these findings and orders and issue new findings and orders requiring the implementation of the proposals in the general plan to eliminate discharges from all overflow points in MSD's separate sanitary sewers and separate sanitary interceptors.


Donald R. Schregardus FOR
Director

September 22, 1992
Date

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency

By: Mary Cassin Date 9-22-92

Attachment 1

1. The following is a list of known overflow points in MSD's separate sanitary sewers and interceptors.

<u>Station Number</u>	<u>Description</u>	<u>Location</u>
1PL00000006	Berkley Woods L.S.	6291 Stirrup Road
1PL00000096	Lohar Acres L.S.	
1PL00000008	Stanberry Park L.S.	6069 Tridale Court
1PL00000009	Fries 3rd L.S.	5980 Bagdad Drive
1PL00000010	Mt. Washington L.S.	6009 Verbet Drive
1PL00000011	Prospect Woods L.S.	1199 Hawkstone
1PL00000013	Britney Acres L.S.	8100 Woodruff Road
1PL00000014	High Meadow L.S.	6785 High Meadows Dr.
1PL00000073	Manhole No. 70	Plainville Road North of Little Duck Creek
1PL00000074	Manhole No. 77	Murray Avenue at Simpson
1PL00000078	Manhole No. 227	Kennedy Avenue at Iris
1PL00000079	Manhole No. 228	Kennedy Avenue at Dante
1PL00000080	Manhole No. 477	W. End of Verbet
1PL00000081	Manhole No. 570	Euclid and Maple
1PL00000082	Manhole No. 575	6849 Beechmont
1PL00000083	Manhole No. 576	2626 Attica
1PL00000084	Manhole No. 579	Richman and Orchard
1PL00000085	Manhole No. 583	Osceola and Camargo
1PL00000086	Manhole No. 588	Salem Avenue, N.W. of Rosetree
1PL00000087	Manhole No. 589	6779 LeConte Avenue
1PL00000088	Manhole No. 591	Euclid and Laurel
1PL00000089	Manhole No. 608	Dawson and Maple
1PL00000090	Manhole No. 609	4001 Oak
1PL00000091	Manhole No. 615	Eastern & Deering
1PL00000092	Manhole No. 619	3930 Lansdowne
1PL00000094	Manhole No. 627	3763 Thornton
1PL00000095	Manhole No. 631	3721 N. Berkley Circle
1PK00005021	Hinged Manhole	West of Loveland Road Bridge
1PM00001420	Hinged Manhole	Behind G.E. Evendale
	on Mill Cr. Interceptor	Plant outfall 001
1PM00001421	Secured Flapping	End of Gwilada Drive
	Manhole on Cooper Cr.	
1PK00006050	Secured Manhole	Quailhill and Werk
1PK00006051	Manhole	End Sultana Drive cul-de-sac
1PK00006052	Hinged Manhole at Junction of Rapid Run & East Branch Muddy Creek Interceptors	Sender & River Roads
1PK00019052	Manhole	Anshute & Taylor Roads

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency.

By: Mary Carver Date 9.22.92

Attachment 1

1. The following is a list of known overflow points in MSD's separate sanitary sewers and interceptors.

<u>Station Number</u>	<u>Description</u>	<u>Location</u>
1PLO000006	Berkley Woods L.S.	6291 Stirrup Road
1PLO000096	Lohar Acres L.S.	
1PLO000008	Stanberry Park L.S.	6069 Tridale Court
1PLO000009	Fries 3rd L.S.	5980 Bagdad Drive
1PLO000010	Mt. Washington L.S.	6009 Verbet Drive
1PLO000011	Prospect Woods L.S.	1199 Hawkstone
1PLO000013	Britney Acres L.S.	8100 Woodruff Road
1PLO000014	High Meadow L.S.	6785 High Meadows Dr.
1PLO000073	Manhole No. 70	Plainville Road North of Little Duck Creek
1PLO0000074	Manhole No. 77	Murray Avenue at Simpson
1PLO0000078	Manhole No. 227	Kennedy Avenue at Iris
1PLO0000079	Manhole No. 228	Kennedy Avenue at Dante
1PLO0000080	Manhole No. 477	W. End of Verbet
1PLO0000081	Manhole No. 570	Euclid and Maple
1PLO0000082	Manhole No. 575	6849 Beechmont
1PLO0000083	Manhole No. 576	2626 Attica
1PLO0000084	Manhole No. 579	Richman and Orchard
1PLO0000085	Manhole No. 583	Osceola and Camargo
1PLO0000086	Manhole No. 588	Salem Avenue, N.W. of Rosetree
1PLO0000087	Manhole No. 589	6779 LaConte Avenue
1PLO0000088	Manhole No. 591	Euclid and Laurel
1PLO0000089	Manhole No. 608	Dawson and Maple
1PLO0000090	Manhole No. 609	4001 Oak
1PLO0000091	Manhole No. 615	Eastern & Deering
1PLO0000092	Manhole No. 619	3930 Lansdowne
1PLO0000094	Manhole No. 627	3763 Thornton
1PLO0000095	Manhole No. 631	3721 N. Berkley Circle
1PK00005021	Hinged Manhole	West of Loveland Road Bridge
1PM00001420	Hinged Manhole	Behind G.E. Evendale
	on Mill Cr. Interceptor	Plant outfall 001
1PM00001421	Secured Flapping	End of Gwilada Drive
	Manhole on Cooper Cr.	
1PK00006050	Secured Manhole	Quailhill and Werk
1PK00006051	Manhole	End Sultana Drive
		cul-de-sac
1PK00006052	Hinged Manhole at	Bender & River Roads
	Junction of Rapid Run	
	& East Branch Muddy	
	Creek Interceptors	
1PK00019052	Manhole	Anshute & Taylor Roads

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency.

By: Mary Carlin Date 9.22.92

2. The overflow points identified above and any additional overflow points subsequently identified in MSD's separate sanitary sewers and interceptors shall be monitored in accordance with the following table and reported as required below.

<u>CHARACTERISTIC</u>		<u>MONITORING REQUIREMENTS</u>		
Reporting		Measurement		
Code	Units	Parameter	Frequency	Sample Type
80990	No./Mo.	Occurrences	When discharging	Estimate

For days when there are no overflow discharges, an explanation of "No Discharge" shall be entered in the "Additional Remarks" section. Also, on such days Zero should be reported for occurrences, duration and flow.

When an overflow event occurs at any identified sanitary overflow point, the Hamilton County and/or local Health Departments shall be notified immediately. Monthly reports will be filed with Ohio EPA showing the number of occurrences at each overflow point each month.

The sewer system shall be operated/maintained in such a manner as necessary to minimize impacts to the receiving stream resulting from sewer overflows. The permittee shall utilize the following technology to minimize such impacts:

1. Provide proper operation and maintenance programs for the sewer system;
2. Provide maximum use of the collection system for storage prior to allowing overflows;
3. Review and modify pretreatment program;
4. Maximize flow to the POTW for treatment;
5. Prohibit dry weather overflows; and
6. Control solid and floatable materials in the discharge.

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency.

By: Mary Carvin Date 9-22-92

WAIVER

In order to resolve disputed claims, without admission of fact, violation or liability, and in lieu of further enforcement action by the Ohio EPA for only the matters addressed in these Orders, the Board of County Commissioners agrees that these Orders are lawful, that the schedules provided for compliance herein are reasonable, and that the Board of County Commissioners agrees to comply with these Orders. Compliance with these Orders shall be a full accord and satisfaction for liability of the Board of County Commissioners and/or the liability as an agent of the City of Cincinnati for the violations cited herein.

The Board of County Commissioners hereby waives the right to appeal the issuance, terms, and service of these Orders, and it hereby waives any and all rights it might have to seek judicial review of said orders either in law or equity.

Notwithstanding the preceding, the Ohio EPA and the Board of County Commissioners agree that in the event that these Orders are appealed by any other party to the Environmental Board of Review, or any court, the Board of County Commissioners retains the right to intervene and participate in such appeal. In such event, the Board of County Commissioners shall continue to comply with these Orders, notwithstanding such appeal and intervention unless said Orders are stayed, vacated, or modified.

The Board of County Commissioners does not hereby make any agreement or Waiver with respect to any new or supplemental findings and orders as may be issued pursuant to Order No. 4 or otherwise.

IT IS SO AGREED:

The Board of County Commissioners of Hamilton County, Ohio

BY: 

TITLE: Hamilton County Administrator

DATE: 7/31/92

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency.

By: Mary Carver Date 9.22.92

PROJECTS COMPLETED IN 1995

CIP No.	Project Description	Completed During 1995
86-02	Eastern Avenue Sewer-Part 1	(\$1,906,000)
90-25	Bold Face Park Sewer Modifications	(1,544,000)
91-59	Miscellaneous Emergency Local Sewer Work	(2,700,000)
92-80	Rehab. of SS's 538A, 157, 153, 136 & 68	(1,261,000)
94-19	Glendora Avenue Sewer Replacement	(241,000)
90-23	Little Miami Sewer Grit Pit	(274,000)
92-73	Grit Pit-Muddy Creek Pump Station	(367,000)
93-24	Facilities Planning For Unsewered Hamilton Co.	(635,000)
83-06	Congress Run Sewer-S.E. Ridgeway to Mill Crk.	(607,000)
92-23	Muddy Creek WWTP-Effluent Pump Station	(248,000)
93-01	503 Sludge Regulation Compliance	(498,000)
TOTAL		(\$10,281,000)

PROPOSED 1996 CAPITAL IMPROVEMENT PROJECTS

Present Approvals Requested

CIP No.	Project Description	Present Approval Requested
Recommended New Projects		
	Sewers Projects/CSO Improvements	
96-22	Bloody Run Trunk Sewer Expansion	\$300,000
96-23	Bold Face Pump Station Upgrade	32,000
96-24	Clough Creek CSO Treatment Facility	300,000
96-26	Combined Sewer Overflow Screening-Pilot Projects	15,000
96-27	Stream Monitoring/Modeling Program	80,000
96-28	Stream Improvement Projects	80,000
96-41	Combined Sewer Overflow Modifications	20,000
96-76	Muddy Creek WWTP-Raw Sewage Pumping Capacity Upgrade	26,000
		\$853,000
	Sewers Projects/Deteriorated/Rehabilitations	
96-11	Mentor/Montgomery Sewer Replacement	\$25,000
96-29	Highland Avenue Sewer Replacement	9,000
96-31	North Bend/Connecticut Ct. Sewer Replacement	32,000
96-32	Schumard Avenue Sewer Replacement	4,000
96-37	Symmes/Carter Sewer Replacement	26,000
96-38	Fair Oaks Sewer Replacement	43,000
96-44	Galbraith Road Replacement Sewer-LaBoiteaux to Simpson	41,000
96-46	Trenchless Technology Sewer Rehabilitation	3,000,000
96-79	Norwood Avenue Sewer Study	5,000
96-80	Shotcrete Sewer Work	400,000
		\$3,585,000
	Sewer Projects/QUEST	
96-06	Newtown Interceptor- —	\$89,000
96-07	Mullen Road Interceptor (QUEST TC-6.B)	134,000
96-08	Reemelin Road Interceptor-Phase II (QUEST TC-6)	177,000
96-10	Arrow Street WWTP Elimination (QUEST TC-6.F)	59,000
96-25	Miamitown Sewers and Pump Station Facilities	397,000
96-43	Wesselman Road Interceptor-Phase II	238,000
96-45	Zion Hill Interceptor Sewer	103,000
		\$1,197,000

PROPOSED 1996 CAPITAL IMPROVEMENT PROJECTS

Present Approvals Requested (Continued)

CIP No.	Project Description	Present Approval Requested
Recommended New Projects		
96-21	Sewer Projects RDI/ RDI Work-System-Wide	\$3,500,000
		\$3,500,000
96-12 96-30 96-33 96-78	Sewer Projects/Relief Camargo Road Sewer Work-Phase II Colerain/Galbraith Relief Sewer Deer Park Relief Sewer Wheatcroft Drive Overflow	\$515,000
		73,000
		50,000
		40,000
		\$678,000
96-53 96-61 96-69 96-70	Treatment Plant Projects/Equipment Replacements Mill Creek WWTP-Control System Upgrade Mill Creek WWTP-BFP Cross Conveyor Replmnt. Sycamore WWTP-Process Control Computer Upg. Pleasant Run Pump Stations-Cone Valve Replmnt.	\$20,000
		10,000
		3,000
		10,000
		\$43,000
96-05 96-42 96-48 96-50 96-51 96-55 96-56 96-57 96-58 96-59 96-63 96-65 96-66 96-67	Treatment Plant Projects/Process Additions/Modifs. Mill Creek WWTP-Digester Gas System Modifs. Little Miami & Mill Creek WWTP's Sludge Recng. Mill Creek WWTP-TEAS Process & Pmp. Modifs. Mill Creek WWTP-Air Comp. Capacity Derating Mill Creek WWTP-Primary Settling Tank Rehab. Mill Creek WWTP-Lime Rcvg. & Disbsg. Fac. Sycamore WWTP-Reloc. Supernatant/Bckwsh Lines Sycamore WWTP-Maintenance & Storage Facilities Muddy Creek WWTP-Adm. Bldg. HVAC System Renovation Little Miami WWTP-Pmry Sldg. Modifs. & Odor Cnt. Mill Creek WWTP-#3 Secondary Skimmings Tank Demolition Mill Creek WWTP-Belt Filter Press Modifications Little Miami WWTP-Four Mile Pump Station Modifs. Muddy Creek WWTP-Gas Line Repairs	\$21,000
		435,000
		133,000
		40,000
		39,000
		2,000
		8,000
		29,000
		11,000
		40,000
		9,000
		22,000
		4,000
		6,000
		\$799,000

PROPOSED 1996 CAPITAL IMPROVEMENT PROJECTS

Present Approvals Requested (Continued)

CIP No.	Project Description	Present Approval Requested
Recommended New Projects		
	Treatment Plant Projects/Pump Station Elim./Upgrds.	
96-01	Northeast Knolles WWTP Elimination	\$34,000
96-02	Addyston Pump Station Elimination	64,000
96-03	Camberly Acres Pump Station Elimination	21,000
96-04	Greenpine Acres Pump Station Elimination	31,000
96-13	Country Club Estates Pump Station Upgrade	23,000
96-14	Glenview Pump Station Study	5,000
96-15	Bruestle Avenue Pump Station Study	5,000
96-16	Greenridge 5th Pump Station Upgrade	\$23,000
96-17	Mount Washington Pump Station Upgrade	23,000
96-18	Britney Acres Pump Station Upgrade	23,000
96-19	Garden Hill Pump Station Upgrade	45,000
96-20	Towers East, Ponderosa Woods, & Ponderosa Pump Station Study	15,000
96-71	Windmere Wastewater Treatment Plant Upgrade	4,000
96-72	Glens Landing Pump Station Study	5,000
		\$321,000
	Treatment Plant Projects/Studies	
96-49	Mill Creek WWTP-Venturi Flow Meter Inspection	\$21,000
96-52	Mill Creek WWTP-Building Structural Study	35,000
96-54	Mill Creek WWTP-Sludge Dewatering Process Sty.	25,000
		\$81,000
	Miscellaneous Projects/Facilities Management	
96-36	Galbraith Road Maintenance Facility-Maint. & Remod.	199,000
96-60	Assessment Credit Reimbursement	1,000,000
96-62	MSD Facilities-Transformer/Capacitor Remediation	100,000
96-64	Assessment Sewer Design	1,000,000
96-68	Muddy Creek WWTP Area-Driveway Work	71,000
96-73	Emergency Sewer Repair	3,000,000
96-77	Combined Sewer Overflow Facility-Optimization	200,000
		\$5,570,000

PROPOSED 1996 CAPITAL IMPROVEMENT PROJECTS

Present Approvals Requested (Continued)

CIP No.	Project Description	Present Approval Requested
Recommended New Projects		
96-34 96-39 96-40	Miscellaneous Projects/Studies Ohio River Monitoring Marview Avenue Area Sewer Study Concerto/Sharondale Road Sewer Evaluation	\$200,000 25,000 25,000
		\$250,000
		SUBTOTAL
		\$16,877,000

PROPOSED 1996 CAPITAL IMPROVEMENT PROJECTS

Present Approvals Requested (Continued)

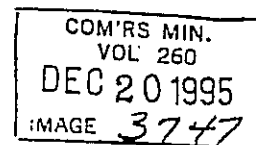
CIP No.	Project Description	Present Approval Requested
	Existing Projects with Design Increases	
85-58-6-4	Blackford Street Combined Sewer Overflow	\$37,000
90-26	Ross Run Sewer Grit Pit	74,000
92-15	Fairfax Pump Station Elimination	24,000
92-29	Westport Pump Station Elimination	60,000
93-02-1	E. Humbert Combined Sewer Overflow HW/DW	29,000
93-17	Weller Woods WWTP - Conversion to Pump Station	8,000
93-22-1	Orchard Hills Pump Station Elimination	80,000
94-05	Acrewood Pump Station Elimination	8,000
94-12	Little Miami WWTP-Dike Elevation Study	10,000
94-16	Nathanshill Lane Sewer Replacement	4,000
94-18	Attica/Swift Street Sewer Rehabilitation/Replacement	16,000
94-23	Sewer No. 87 Replacement Study	61,000
95-04	Elbrook Pump Station Elimination Study	39,000
95-06	Hageman Street Pump Station Upgrade	4,000
95-14	White Oak Terrace, Block C-Pump Station Elimination	23,000
95-35	Highland Avenue Replacement Sewer	7,000
95-55	MSD Storeroom Structural & Ventilation System Study	23,000
	SUBTOTAL	\$507,000
	TOTAL	\$17,384,000

12.19.95

The Board of County Commissioners of Hamilton County, Ohio met in regular session on the 20th day of December, 1995, with the following members present:

-ALL PRESENT-

RESOLUTION
ADOPTING AN OPERATING BUDGET FOR 1996
FOR THE METROPOLITAN SEWER DISTRICT
OF GREATER CINCINNATI



WHEREAS, the Director of the Metropolitan Sewer District of Greater Cincinnati and the Department of Sewers has submitted an operating budget for 1996 for the Metropolitan Sewer District of Greater Cincinnati, and

WHEREAS, this Board of County Commissioners of Hamilton County, Ohio, has reviewed said operating budget, and

WHEREAS, estimated operating revenues for the fiscal year beginning January 1, 1996, and unappropriated surplus funds available for use by the Metropolitan Sewer District are sufficient to meet the requirements of the aforesaid operating budget, and

WHEREAS, the appropriation for the said operating budget contains no dollars (\$0.00) for indirect costs for the City of Cincinnati and Hamilton County and no provision is made in this budget resolution to pay either directly or indirectly for these services.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Hamilton County, Ohio, that the aforesaid operating budget for fiscal year beginning January 1, 1996, be and hereby is adopted and appropriated as follows:

DIVISION	CODE	PERSONAL SERVICES 7100	OTHER EXPENSES 72/7400	CITY- COUNTY OVERHEAD 7295	1996 BUDGET
Office of the Director	701x410	\$ 308,633.00	\$ 381,341.00	\$ 0.00	\$ 689,974.00
Wastewater Engineering	701x420	2,495,605.00	1,658,704.00	0.00	4,154,309.00
Wastewater Administration	701x430	1,126,900.00	5,171,532.00	0.00	6,298,432.00
Wastewater Treatment	701x440	14,100,177.00	21,399,912.00	0.00	35,500,089.00
Wastewater Collection	701x450	5,123,218.00	8,078,749.00	0.00	13,201,967.00
Industrial Waste	701x460	1,841,895.00	2,008,252.00	0.00	3,850,147.00
Planning and Program Management	701x470	2,454,663.00	1,127,096.00	0.00	3,581,759.00
Process Quality Improvement	701x480	543,995.00	348,323.00	0.00	892,318.00
Motorized Equipment	701x981				1,723,652.00
Office, Technical & Operating Equipment	701x982				1,098,558.00
Debt Service	701x490				27,818,677.00
Total MSD Operating Budget		\$ 27,995,086.00	\$ 40,173,909.00	\$ 0.00	\$ 98,809,882.00

BE IT FURTHER RESOLVED, that the Clerk of this Board be and she hereby is directed to certify copies of this resolution to David Krings, Hamilton County Administrator; Raymond Fern, Hamilton County Director of Administrative Services; the Council of the City of Cincinnati; John F. Shirey, City Manager of the City of Cincinnati; and Thomas Quinn, Director of the Metropolitan Sewer District of Greater Cincinnati, and

BE IT FURTHER RESOLVED, that this Board of County Commissioners hereby finds and determines that all formal actions relative to the adoption of this Resolution were taken in an open meeting of the Board of County Commissioners and that all deliberations of this Board of County Commissioners and of its committees, if any, which resulted in formal action were taken in meetings open to the public, in full compliance with applicable legal requirements, including Section 121.22 of the Ohio Revised Code.

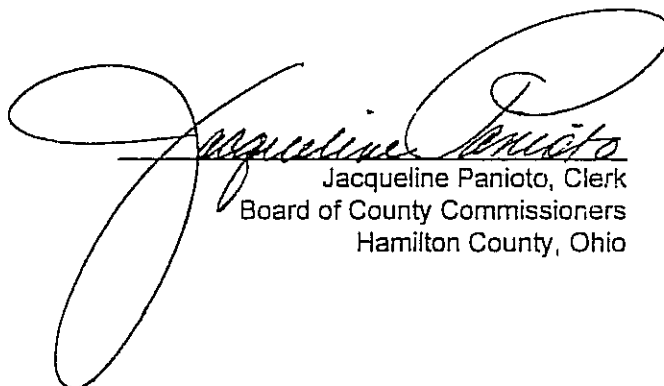
ADOPTED at a regularly adjourned meeting of the Board of County Commissioners of Hamilton County, Ohio, this 20th day of December, 1995.

Mr. Bedinghaus AYE Mr. Dowlin AYE Mr. Guckenberger AYE

CERTIFICATE OF CLERK

IT IS HEREBY CERTIFIED that the foregoing is a true and correct transcript of resolutions adopted by the Board of County Commissioners in session the 20th day of December, 1995.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Official Seal of the Office of the Board of County Commissioners of Hamilton County, Ohio, this 20th day of December, 1995.


Jacqueline Panioto, Clerk
Board of County Commissioners
Hamilton County, Ohio

City of Cincinnati



COM'RS MIN.
VOL. 263
SEP 25 1996
IMAGE

John F. Shirey
City Manager

Room 152, City Hall
801 Plum Street
Cincinnati, Ohio 45202
Phone (513) 352-3241
Fax (513) 352-6284

September 18, 1996

Honorable Board of County Commissioners
Hamilton County, Ohio
% Mr. David J. Krings
Hamilton County Administrator
County Administration Building, Room 603
Cincinnati, OH 45202

Honorable Commissioners:

Enclosed is a resolution authorizing the County Administrator to apply to the Ohio Public Works Commission District No. 2 for State Capital Improvement Program (SCIP) Financial Assistance Funds for program year 1997. This resolution will enable the County Administrator to take any actions relevant to submitting applications and agreements which have been determined to be economically advantageous to the County.

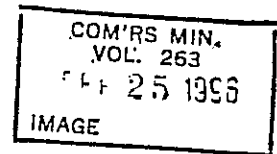
Recommended:

Thomas J. Quinn, P.E.
Director

Approved:

John F. Shirey
City Manager

On motion of Mr. Dowlin, the following resolution was adopted....



RESOLUTION

AUTHORIZING THE COUNTY ADMINISTRATOR TO APPLY FOR STATE CAPITAL IMPROVEMENT PROGRAM (SCIP) FINANCIAL ASSISTANCE FUNDS FOR PROGRAM YEAR 1997 FOR THE METROPOLITAN SEWER DISTRICT OF GREATER CINCINNATI

WHEREAS, State Capital Improvement (SCIP) Financial Assistance Funds may be available from the Ohio Public Works Commission for sewer repair and improvement for the Metropolitan Sewer District, and for credit enhancement, and

WHEREAS, it may be advantageous for the County to apply to District No. 2 for SCIP Financial Assistance Funds, and

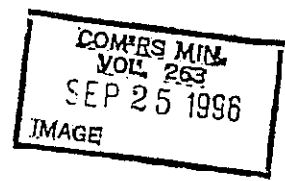
WHEREAS, a single Resolution by this Board will suffice to authorize the Hamilton County Administrator to make any application and execute any contract, deemed economically advantageous by the County.

NOW, THEREFORE, BE IT RESOLVED, by the Board of County Commissioners of Hamilton County, Ohio, that the Hamilton County Administrator be and he hereby is authorized to make application to the Ohio Public Works Commission District No. 2 for State Capital Improvement Program Financial Assistance Funds, and

BE IT FURTHER RESOLVED, that this Board of County Commissioners hereby finds and determines that all formal actions relative to the adoption of this Resolution were taken in an open meeting of the Board of County Commissioners and that all deliberations of this Board of County Commissioners and of its committees, if any, which resulted in formal action were taken in meetings open to the public, in full compliance with applicable legal requirements, including Section 121.22 of the Ohio Revised Code.

ADOPTED at a regularly adjourned meeting of the Board of County Commissioners of Hamilton County, Ohio, this 25th day of September, 1996.

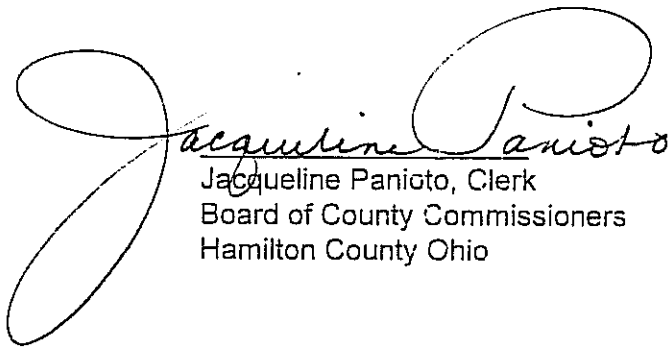
Mr. Bedinghaus AYE Mr. Dowlin AYE Mr. Guckenberger AYE



CERTIFICATE OF CLERK

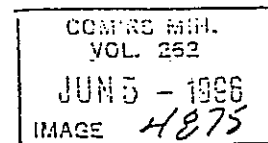
IT IS HEREBY CERTIFIED that the foregoing is a true and correct transcript of resolutions adopted by the Board of County Commissioners in session the 25th day of September, 1996.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Official Seal of the Office of the Board of County Commissioners of Hamilton County, Ohio, this 25th day of September, 1996.



Jacqueline Panico, Clerk
Board of County Commissioners
Hamilton County Ohio

City of Cincinnati



John F. Shirey
City Manager

Room 152, City Hall
801 Plum Street
Cincinnati, Ohio 45202
Phone (513) 352-3241
Fax (513) 352-6284


May 29, 1996

Honorable Board of County Commissioners
Hamilton County, Ohio
c/o Mr. David J. Krings
Hamilton County Administrator
County Administration Building, Room 603
Cincinnati, Ohio 45202


Honorable Commissioners:

Enclosed for your consideration is the Resolution for approval of a composite rate increase of 4%, effective June 12, 1996. A public hearing was held May 29, 1995, affording the opportunity for comment to all interested parties.

Recommended:


Thomas J. Quinn, P.E.
Director, M.S.D.

Approved:


John F. Shirey
City Manager

On motion of Mr. Guckenberger, the following resolution was adopted....

RESOLUTION

FIXING RATES FOR SEWERAGE SERVICE CHARGES,
SURCHARGES, AND INDUSTRIAL PRETREATMENT CHARGES FOR
THE USE OF SANITARY AND COMBINED SEWERS AND FOR
SEWAGE TREATMENT IN THE METROPOLITAN SEWER DISTRICT
OF GREATER CINCINNATI

WHEREAS, the Board of County Commissioners of Hamilton County has since 1924, established sewer districts in accordance with Chapter 6117 of the Ohio Revised Code and constructed and otherwise acquired sanitary trunk sewers, and as a result today owns, operates and maintains a system of sanitary trunk sewers; and

WHEREAS, the Board of County Commissioners did, on February 1, 1955, consolidate all of the previously established sewer districts into a single district known as Hamilton County Sewer District No. 1; and

WHEREAS, the Board of County Commissioners did, on December 4, 1963, complete the consolidation of previously established sewer districts and expand the boundaries of Hamilton County Sewer District No. 1 to be coincident with the boundaries of the County; and

WHEREAS, the Board of County Commissioners did on May 1, 1968, change the name of the County Sewer District to "The Metropolitan Sewer District of Greater Cincinnati"; and

WHEREAS, Section 6117.02 of the Ohio Revised Code provides that the Board of County Commissioners may establish a sewer service charge which shall be adequate to provide the cost of the management, maintenance, and operation of the sewers and the cost of sewage treatment and disposal, said sewer service charge to be paid by every person, firm, or corporation whose premises are served by a connection to a sanitary sewer; and

WHEREAS, the Board of County Commissioners did, on December 4, 1968, adopt a Resolution establishing a rate structure for sewerage service charges and surcharges, for sewer service in The Metropolitan Sewer District of Greater Cincinnati, effective January 1, 1969, which has been subsequently amended from time to time; and

WHEREAS, the Director of The Metropolitan Sewer District of Greater Cincinnati and of the Department of Sewers has submitted a recommendation to revise the rate structure for sewer service charges, surcharges, and industrial pretreatment charges; and

WHEREAS, the Board of County Commissioners did on May 29, 1996, conduct a public hearing on said rate structure.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Hamilton County, Ohio:

SECTION 1. From and after June 12, 1996, every person, firm or corporation in the Metropolitan Sewer District of Greater Cincinnati, whose premises are served by a connection to a sanitary or combined sewer which discharges sewage, industrial wastes, water, or other liquids, either directly or indirectly into a County sanitary or combined sewer, shall be charged for the use of the sewers and for the treatment of sewage discharged therein at the following rates:

MINIMUM CHARGE

The sewerage service charge shall consist of a minimum charge and a commodity charge.

The minimum charge shall be based on the size of the water meter used to serve the premises, or the size of the premises served, as determined by the number of units therein, whichever results in the larger minimum charge.

The size of the premises shall be determined by the total number of residential and/or commercial and industrial units that comprise the premises.

Such minimum charge shall include the charge for the first 500 cubic feet of water used in the case of monthly bills; and the first 900 cubic feet of water used, in the case of quarterly bills.

The minimum charge rates shall be as follows:

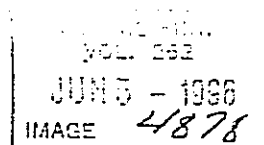
Meter Size (Inches)	Number of Family Units	Monthly Bills \$	Quarterly Bills \$
5/8	1	15.55	31.95
3/4	2 or 3	18.65	41.20
1	4 or 5	24.00	56.50
1-1/2	6 through 12	37.00	96.00
2	13 through 20	51.00	136.00
3	21 through 50	125.00	349.00
4	51 through 115	207.00	578.00
6	116 through 200	405.00	1,142.00
8	Over 250	602.00	1,704.00
10		809.00	2,277.00
12		942.00	2,629.00

For trailer parks, the number of family units shall be 75 percent (75%) of the available occupancy.

For hotels and motels, the number of family units shall be 50 percent (50%) of the available occupancy.

For commercial establishments each two sets, or part thereof, of sanitary facilities shall be counted as one family unit. A set of sanitary facilities shall be any grouping of water using plumbing fixtures whose total instant demand is not greater than the total instant demand of five, one-half inch, water faucets. Where commercial or manufacturing facilities require more water than required for sanitary purposes, the minimum charge shall be not less than the minimum charge for a meter one size smaller than the branch serving the premises.

COMMODITY CHARGE



The Commodity Charge shall be based on the quantity of water used on the premises served as same is measured by a water meter or meters therein used, which meters must be acceptable to the City of Cincinnati.

The Commodity Charge shall be as follows:

Monthly Bills	Quarterly Bills
For each 100 cubic feet consumed per month in excess of 500 cubic feet but not in excess of 5,000 cubic feet -- \$1.60 per 100 cubic feet.	For each 100 cubic feet consumed per quarter in excess of 900 cubic feet but not in excess of 15,000 cubic feet -- \$1.60 per 100 cubic feet.
For each 100 cubic feet consumed per month in excess of 5,000 cubic feet -- \$1.28 per 100 cubic feet.	For each 100 cubic feet consumed per quarter in excess of 15,000 cubic feet -- \$1.28 per 100 cubic feet.

For residential water service accounts (one and two family residences), a quarterly minimum and commodity charge shall be based upon water used during a winter quarterly billing period; said winter period being the quarterly billing period most closely corresponding to usage during the months of October through April. Said charges shall be payable with each bill rendered throughout the year.

SECTION 2. For customers having high strength waste discharge, the surcharge, which is in addition to the metered use charge, shall be computed on the following basis:

Surcharge	
Suspended Solids (SS)	\$0.000843 per 100 cubic feet for each mg/l of SS strength above 300 mg/l.
Biochemical Oxygen Demand (BOD)	\$0.001440 per 100 cubic feet for each mg/l of BOD strength above 240 mg/l.
Nitrogenous Oxygen Demand (NOD)	\$0.001259 per 100 cubic feet for each mg/l of Total Kjeldahl Nitrogen (TKN) strength above 25 mg/l.

Provided, however, that to the extent the strength of a pollutant is less than eighty percent (80%) of the corresponding value for normal strength sewage, a credit shall be allowed as an offset against surcharge otherwise due. The credit shall be calculated by multiplying the herein above specified surcharge rate for the pollutant in question times the difference between actual pollutant concentration in mg/l and eighty percent (80%) of the corresponding value for normal sewage. No credit shall be allowed in excess of surcharge otherwise due.

SECTION 3. All users required to apply for and obtain a wastewater discharge permit or which are subject to federal pretreatment standards, as specified in the MSD Rules and Regulations, shall be subject to the payment of a pretreatment charge(s), as determined by the Director. Said pretreatment charge(s) shall be sufficient to recover, in whole or in part, the costs for the

MSD Pretreatment Program including investigations, record keeping, administration, and monitoring of industrial waste discharges to the system. Each industrial user shall pay a pretreatment charge(s) as follows:

Industrial Pretreatment Charge	
Annual Fee	\$900 per annum
Monitoring Charge	\$5,500 maximum per monitoring event

SECTION 4. Any user which discharges any toxic pollutants which cause an increase in the cost of managing effluent or sludge from the District's treatment system shall pay such increased costs.

SECTION 5. That the sewerage service charges, surcharges, and industrial pretreatment charges shall be applied in accordance with the provisions of the "Rules and Regulations Governing the Maintenance, Operation, and Use of Sanitary and Combined Sewers in The Metropolitan Sewer District of Greater Cincinnati" as adopted by the Board of County Commissioners and as may be modified from time to time.

SECTION 6. All users of the sewage system shall be notified at least annually as to:

- (a) The rate schedule in effect.
- (b) That part of the total charges attributable to user charges for sewage treatment service.

SECTION 7. That the sewerage service charges and surcharges stipulated herein shall be billed on the water bill and shall be payable to the Cincinnati Water Works at the same time as the water bills, or they may be billed and collected by such governmental agencies as are designated by and as are under agreement with the Board of County Commissioners. Charges not paid within the time prescribed shall be certified, together with a penalty of ten percent (10%) to the County Auditor and collected in accordance with Section 6117.02 of the Ohio Revised Code.

SECTION 8. That industrial pretreatment charges and charges to users for special equipment, materials, and services shall be payable in the same manner as sewerage service charges, or by means of a separate billing.

SECTION 9. Quarterly sewerage service charge and surcharge bills mailed June 13, 1996, through September 12, 1996, shall be prorated at the existing and new rates; those mailed September 13, 1996 and thereafter shall be calculated entirely at the new rates. Monthly sewerage service charge and surcharge bills mailed June 13, 1996, through July 12, 1996, shall be prorated at the existing and new rates; those mailed July 13, 1996, and thereafter shall be calculated at the new rates.

SECTION 10. The Resolution adopted by the Board of County Commissioners on April 5, 1995, fixing rates and charges for sewer service in The Metropolitan Sewer District of Greater Cincinnati is hereby repealed.

SECTION 11. That this Board of County Commissioners hereby finds and determines that all formal actions relative to the adoption of this Resolution were taken in an open meeting of this Board of County Commissioners and that all deliberations of this Board of County Commissioners and of its committees, if any, which resulted in formal action, were taken in meetings open to the public, in full compliance with applicable legal requirements, including Section 121.22 of the Ohio Revised Code.

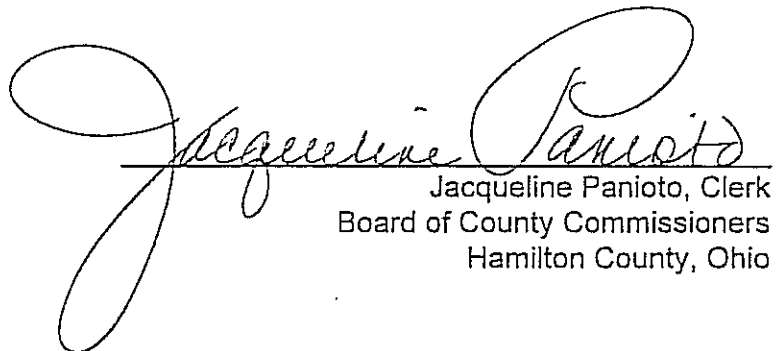
ADOPTED at a regularly adjourned meeting of the Board of County Commissioners of Hamilton County, Ohio, this 5th day of June, 1996.

Mr. Bedinghaus AYE Mr. Dowlin ABSENT Mr. Guckenberger AYE

CERTIFICATE OF CLERK

IT IS HEREBY CERTIFIED, that the foregoing is a true and correct transcript of a Resolution adopted by the Board of County Commissioners in session the 5th day of June, 1996.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Official Seal of the Office of the Board of County Commissioners of Hamilton County, Ohio, this 5th day of June, 1996.


Jacqueline Panioto, Clerk
Board of County Commissioners
Hamilton County, Ohio

SCIP/LTIP PROGRAM
ROUND 11 - PROGRAM YEAR 1997
PROJECT SELECTION CRITERIA
JULY 1, 1997 TO JUNE 30, 1998

ADOPTED BY THE INTEGRATING COMMITTEE
May 24, 1996

JURISDICTION/AGENCY: HAMILTON COUNTY - M.S.D.
NAME OF PROJECT: TRENCHES EAST RAMP
PRELIMINARY SCORE FOR THIS PROJECT: 61
FINAL SCORE FOR THIS PROJECT: 56
RATING TEAM: 3

- 1) If SCIP/LTIP funds are granted, when would the construction contract be awarded? POINTS 10/0
- 10
- 10 Points - Will be under contract by end of 1997 and no delinquent projects in Rounds 8 & 9.
- 5 Points - Will be under contract by March 30, 1998 and/or jurisdiction has had one delinquent project in Rounds 8 & 9.
- 0 Points - Will not be under contract by March 30, 1998 and/or jurisdiction has had more than one delinquent project in Rounds 8 & 9.
- 2) What is the physical condition of the existing infrastructure to be replaced or repaired? 11/0
- 20
- 25 Points - Failed
- 23 Points - Critical
- 20 Points - Very Poor
- 17 Points - Poor
- 15 Points - Moderately Poor
- 10 Points - Moderately Fair
- 5 Points - Fair Condition
- 0 Points - Good or Better

NOTE: If the infrastructure is in "good" or better condition, it will NOT be considered for SCIP/LTIP funding unless it is an expansion project that will improve serviceability.

3) If the project is built, what will be its effect on the facility's serviceability? Documentation is required. 2/5

- 5 Points - Project design is for future demand.
- 4 Points - Project design is for partial future demand.
- 3 Points - Project design is for current demand.
- 2 Points - Project design is for minimal increase in capacity.
- 1 Point - Project design is for no increase in capacity.

2

4) How important is the project to *HEALTH, SAFETY, AND WELFARE* of the public and the citizens of the District and/or service area? 8/10

- 10 Points - Highly significant importance, with substantial impact on all 3 factors.
- 8 Points - Considerably significant importance, with substantial impact on 2 factors, or noticeable impact on all 3 factors.
- 6 Points - Moderate importance, with substantial impact on 1 factor or noticeable impact on 2 factors.
- 4 Points - Minimal importance, with noticeable impact on 1 factor
- 2 Points - No measurable impact

8

5) What is the overall economic health of the jurisdiction? 6/10

- 10 Points
- 8 Points
- 6 Points
- 4 Points
- 2 Points

6

6) What matching funds are being committed to the project, expressed as a percentage of the *TOTAL CONSTRUCTION COST*? Loan and Credit Enhancement projects automatically receive 5 points, and no match is required. All grant funded projects require a minimum of 10% matching funds. 5/5

- 5 Points - 50% or more
- 4 Points - 40% to 49.99%
- 3 Points - 30% to 39.99%
- 2 Points - 20% to 29.99%
- 1 Point - 10% to 19.99%

5

- 7) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure? *POINTS MAY ONLY BE AWARDED IF THE END RESULT OF THE PROJECT WILL CAUSE THE BAN TO BE LIFTED.* 10/5

5 Points - Complete ban
3 Points - Partial ban
0 Points - No ban of any kind

0

- 8) What is the total number of existing daily users that will benefit as a result of the proposed project? Appropriate criteria include current traffic counts, households served, when converted to a measurement of persons. Public transit users are permitted to be counted for the roads and bridges, but only when certifiable ridership figures are provided. 2/5

5 Points - 16,000 or more
4 Points - 12,000 to 15,999
3 Points - 8,000 to 11,999
2 Points - 4,000 to 7,999
1 Point - 3,999 and under

2

- 9) Does the infrastructure have regional impact? Consider originations and destinations of traffic, functional classifications, size of service area, number of jurisdictions served, etc. 5/5

5 Points - Major impact
4 Points -
3 Points - Moderate impact
2 Points -
1 Point - Minimal or no impact

5

- 10) Has the jurisdiction enacted the optional \$5 license plate fee, an infrastructure levy, a user fee, or a dedicated tax for infrastructure and provided certification of which fees have been enacted? 1/2

5 Points - Two of the above
3 Points - One of the above
0 Points - None of the above

3

ADDENDUM TO THE RATING SYSTEM DEFINITIONS/CLARIFICATIONS

Criterion 1 - ABILITY TO PROCEED

The Support Staff will assign points based on engineering experience and OPWC defined delinquent projects. A project is considered delinquent when it has not received a notice to proceed within the time stated on the original application and no time extension has been granted by the OPWC. A jurisdiction receiving approval for a project and subsequently cancelling the same after the bid date on the application may be considered as having a delinquent project.

Criterion 2 - CONDITION

Condition is based on the amount of deterioration that is field verified or documented exclusive of capacity, serviceability, or health, safety and welfare issues. Condition is rated only on the existing facility being repaired or abandoned. If the existing facility is not being abandoned or repaired, but a new facility is being built, it shall be considered as an expansion project. (Documentation may include ODOT BR-86 reports, pavement management condition reports, televised underground system reports, age inventory reports, maintenance records, etc., and will only be considered if included with the original application.)

Definitions:

FAILED CONDITION - Requires complete reconstruction where no part of the existing facility is salvageable. (e.g. Roads: complete reconstruction of roadway, curbs and base; Bridges: complete removal and replacement of bridge; Underground: removal and replacement of an underground drainage or water system; Hydrants: completely non-functioning and replacement parts are unavailable.)

CRITICAL CONDITION - Requires moderate or partial reconstruction to maintain integrity. (e.g. Roads: reconstruction of roadway, curbs can be saved; Bridges: removal and replacement of bridge with abutment modification; Underground: removal and replacement of part of an underground drainage or water system; Hydrants: some non-functioning, others obsolete and replacement parts are unavailable.)

VERY POOR CONDITION - Requires extensive rehabilitation to maintain integrity. (e.g. Roads: extensive full depth, partial depth and curb repair of a roadway with a structural overlay; Bridges: superstructure replacement; Underground: repair of joints and/or minor replacement of pipe sections; Hydrants: non-functioning and replacement parts are available.)

POOR CONDITION - Requires standard rehabilitation to maintain integrity. (e.g. Roads: moderate full depth, partial depth and curb repair to a roadway with no structural overlay needed or structural overlay with minor repairs to a roadway needed; Bridges: extensive patching of substructure and replacement of deck; Underground: insituform or other in ground repairs; Hydrants: functional, but leaking and replacement parts are unavailable.)

MODERATELY POOR CONDITION - Requires minor rehabilitation to maintain integrity. (e.g. Roads: minor full depth, partial depth or curb repairs to a roadway with either a thin overlay or no overlay needed; Bridges: major structural patching and/or major deck repair; Hydrants: functional and replacement parts are available.)

MODERATELY FAIR CONDITION - Requires extensive maintenance to maintain integrity. (e.g. Roads: thin or no overlay with extensive crack sealing, minor partial depth and/or slurry or rejuvenation; Bridges: minor structural patching, deck repair, erosion control.)

FAIR CONDITION - Requires routine maintenance to maintain integrity. (e.g. Roads: slurry seal, rejuvenation or routine crack sealing to the roadway; Bridges: minor structural patching.)

GOOD OR BETTER CONDITION - Little or no maintenance required to maintain integrity.

Criterion 4 - *HEALTH, SAFETY & WELFARE*

Definitions:

SAFETY - The design of the project will prevent accidents, promote safer conditions, and eliminate or reduce the danger of risk, liability, or injury.

EXAMPLES: Widening existing roadway lanes to standard lane widths; Adding lanes to a roadway or bridge to increase capacity or alleviate congestion; replacing old or non-functioning hydrants; increasing capacity to a water system, etc.

HEALTH - The design of the project will improve the overall condition of the facility so as to reduce or eliminate disease; or correct concerns regarding the environmental health of the area.

EXAMPLES: Improving or adding storm drainage or sanitary facilities; replacing lead joints in water lines;

WELFARE - The design of the project will promote economic well-being and prosperity.

EXAMPLES: Project has the potential to improve business expansions or opportunities in the area; project will improve the quality of life in the area;

PLEASE NOTE: The examples listed above are NOT a complete list, but only a small sampling of situations that may be relevant to any given project. Each project is looked at on an individual basis to determine if any aspects of this rating category apply.

Criterion 9 - *REGIONAL IMPACT*

Definitions:

MAJOR IMPACT - Roads: major multi-jurisdictional route, primary feed to an interstate, Federal Aid Primary routes; Underground: primary water or sewer main serving and entire system; Hydrants: multi-jurisdictional.

MODERATE IMPACT - Roads: principal thoroughfares, Federal Aid Urban routes; Underground: primary water or sewer main serving only part of a system; Hydrants: all hydrants in a local system serving only one jurisdiction.

MINIMAL/NO IMPACT - Roads: cul-de-sacs, subdivision streets; Underground: individual water or sewer main not part of a large system; Hydrants: only some hydrants in a local system serving only one jurisdiction.